The BT Minimover is a small and handy electric stacker designed for low intensity applications. It is ideal for order picking, shop handling and for light stacking tasks. The small dimensions makes the HWE100 and HWE100S suitable for use in confined spaces.

Technical Details		HWE100	HWE100S
Rated capacity	kg	1000	1000
Load centre	mm	600	600
Weight without battery	kg	420	560
Max. axle load drive wheel, without/with rated load	kg	210/360	440/580
Max. axle load castor wheels, without/with rated load	kg	70/70	—
Max. axle load fork wheels, without/with rated load	kg	60/500	80/515
Castor wheels, polyurethane	mm	Ø 100 x 40	—
Drive wheel, Tractothan	mm	Ø 250 x 60	Ø 250 x 60
Fork wheels, single, polyurethane	mm	Ø 85	Ø 85
Travel speed, without/with rated load	km/h	5,4/4,3	5,4/4,3
Lift speed, without/with rated load	m/s	0,22/0,12	0,19/0,10
Lowering speed, without/with rated load	m/s	0,14/0,15	0,14/0,15
Gradient, without/with rated load	%	10/5 [1]	10/5 [1]
Service-/parking brake		electromagnetic	
Drive motor rating (S2 60')	kW	0,5	0,5
Lift motor/Intermittent rating (S3 3,5%)	kW	1,4	1,4
Steering system		steering arm	
Speed control, number of steps		transistor, stepless	
Steering arc	°	190	190

1) Due to motor characteristics, please ask technical support regarding driving on ramps and gradients.

Dimensions, mm		HWE100	HWE100S
x	Back of fork to single wheel centre	805	800
y	Wheel base	1172	1210
h_{14}	Height of handle in neutral pos.	1300	1300
h_{13}	Height of lowered fork	85	40
b_1	Chassis, width	700 [1]	700
l_2	Truck length incl. back of fork	530	530
s	Fork thickness	60	40
e	Fork width	156	100
l	Fork length	1000/1150	1150
b_5	Width across fork	536/550/685	252—800
m_1	Floor clearance under mast	26	26
A_{st}	Aisle width, min (Pallet 800x1200 mm)	2100	2130
W_a	Turning radius	1340	1365

1) For b5 = 685 mm, the width of the fork carriage is 790 mm.

Support arm widths, mm		HWE100S
b_2	Width across support arms, min./max.	1100—1500
b_5	Width across fork, min./max.	252—800
b_4	Width between support arms, min./max.	900—1300
b_{14}	Width of support arm	100

Battery and charger		HWE100	HWE100S
Battery charger	A	8	8
Battery capacity	Ah	63	63
Voltage	V	2 x 12	2 x 12
Battery weight	kg	2 x 23	2 x 23

Data is based on h_{23} = 1580 mm

Mast, mm		HWE100	
h_{23}	**Total lift height**	**1580**	**2000**
h_1	Height of mast	1890	2310

Mast, mm		HWE100S	
h_{23}	**Total lift height**	**1540**	**1960**
h_1	Height of mast, min.	1890	2310
h_4	Height of mast, max.	2040	2460

Truck performance and dimensions are nominal and subject to tolerances.
BT Products AB products and specifications are subject to change without notice.
All data is based on VDI 2198.

HWE100
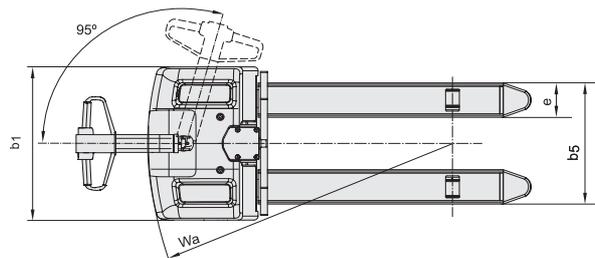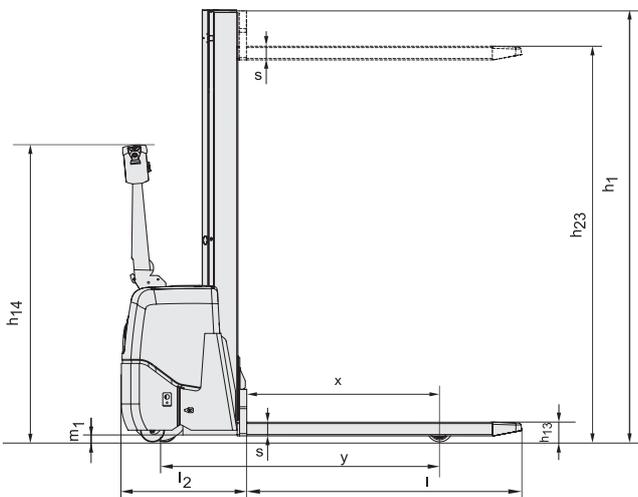
HWE100S
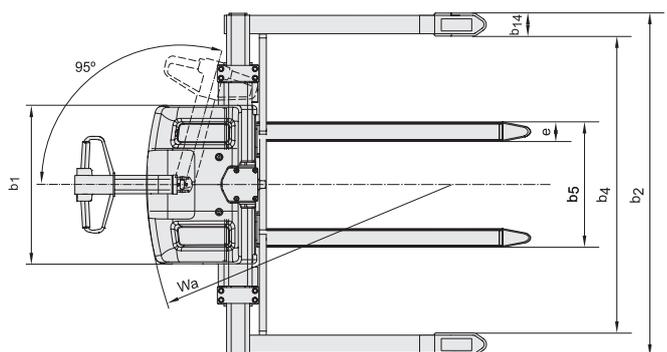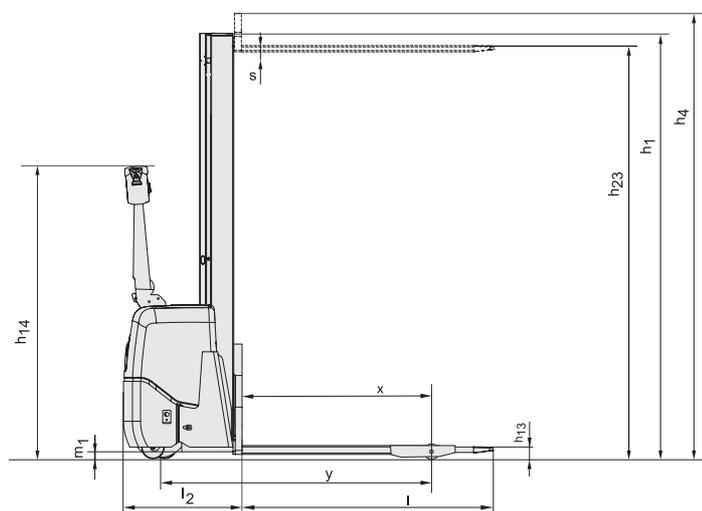
- The Minimover is suitable for use in shops and in retail operations on even floors.
- In manufacturing the Minimover is ideal for horizontal transport, low intensity stacking and can be used as a working table.
- The Minimover is compact and sturdy with the capacity of 1000 kg. The compact chassis width is only 700 mm and the machine length only 530 mm.
- Choice of three different forkwidths, and two choices of forklengths.
- Built in charger in combination with maintenance free valve regulated batteries, provide effortles usage.
- Less effort is needed when the machine is used as a working table, due to the automatic height adjustment option.
- The HWE100S is equipped with wide support arms that straddle the load, allowing operation with a variety of different pallet sizes.

Truck features	HWE100	HWE100S
Adjustable support arm widths	—	S
Narrow chassis	S	S
Storage compartments	S	S
Automatic height adjustment	O	O
Controls and instruments		
Fingertip controls	S	S
Tiller arm steering	S	S
Driving features		
Electronic braking system	S	S
Electronic speed control	S	S
Safety features		
Automatic parking brake	S	S
Emergency collision button	S	S
Emergency cut-off	S	S
Maintenance features		
Fault diagnosis facility	S	S
History fault log	S	S
Battery management features		
Built-in charger	S	S
Battery indicator	O	O

S = Standard feature   O = Optional feature   — = Not available